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Integrated Solutions to Deter/Defeat Threats to U.S.

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USNORTHCOM Mission

Conduct military operations to –

- **Deter, prevent and defeat threats to the United States, its territories and interests within assigned area of responsibility**

- **Provide support to civil authorities, including consequence management operations**

Vision Statement
"Deter, Prevent, Defeat, Mitigate"
"Protecting Americans Where They Live and

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Protecting the Homeland

DoD's #1 Priority

Unique Area of Responsibility

Specialized Capabilities

Extraordinary Circumstances

Emergency Circumstances

Temporary Circumstances

Homeland Defense

Civil Support

Execute OPLANS

Special Events

Support to Counter

Domestic Disaster

Domestic Civil

CBRNE Incident Mgmt

Civil Support

- **Maintain situation awareness**
- **Anticipate requests**
- **Respond with unique capabilities**
- **Always in support of a Primary Agency**

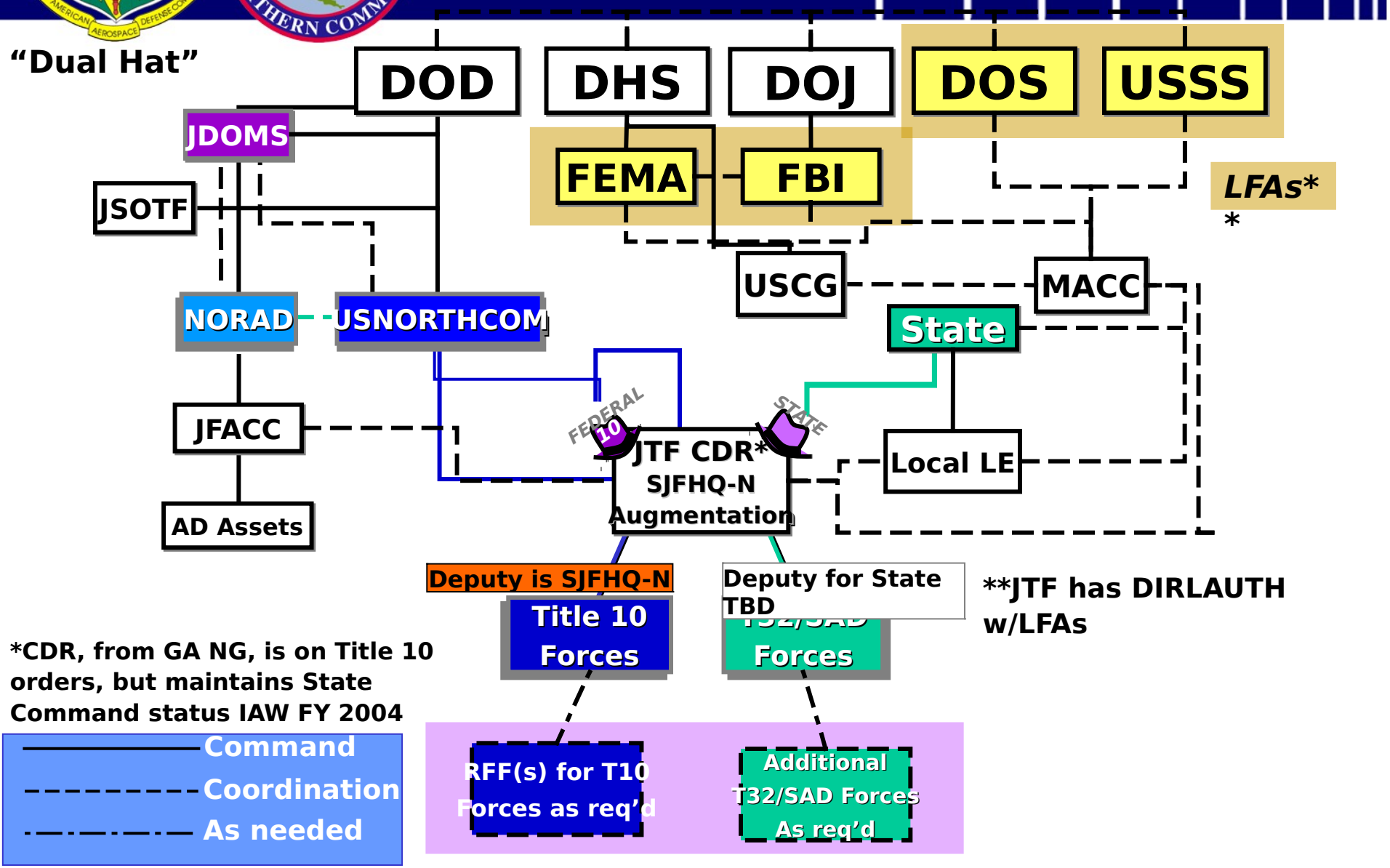
Save Lives, Prevent Injury, Provide Temporary Critical Life Support

Our Coalitions and Operations

- **Traditional coalitions based on treaty or alliance**
  - Structured agreements
  - Build plans and exercise capabilities
- **Our coalitions are event dependent**
  - May not get to choose who or where—different processes, procedures
  - May not get to negotiate or plan in advance—limited exercise experiences
  - May differ by phase—or even skip phases
- **Expanding Joint Force employment definitions**
  - Joint Task Force North (JTF-N)
  - Joint Task Force Civil Support (JTF-CS)
  - Standing Joint Force Headquarters National Capitol Region (SJFHQ NCR)
  - JTFs for National Special Security Events (State of the Union Address,

USNORTHCOM coalition is largely an

Approved C² for G8 - "Dual Hat"



Our "Need to Share" Construct

- **Principles**
  - Be inclusive--focus on commonality first, differences second
  - "Grow into a solution, not buy an answer"
  - "Think big, start small, scale fast"
  - Focus on culture and process first, technology second
- **Strategy**
  - Leverage existing information sharing capabilities—don't buy more infrastructure
  - Base standards on the acceptability within the HLS/D community —keep simple and eliminate locally developed applications
  - Focus on event-based prevention, response and mitigation, adapt to changing list of partners
  - Mature Net-centric operating environment beyond DoD systems

Information Sharing is Central to USNORTHCOM Mission

Enterprise Architecture Guideposts

- **NORAD-USNORTHCOM Enterprise Architecture requires:**
  - Innovative thinking and engineering approaches
  - Ability to model our new mission area
    - cross traditional boundaries (Need to Share vs. Need to Know paradigm)
    - Expanding mission partners (Interagency, State, Local….)
- **Not a tool or technology, but rather a process**
  - Accounts for culture, people and socio-physiological needs of the organization
  - Addresses the challenge, “what components of Enterprise Architecture will add value now and in the long run?”
- **Provides a mutually shared concept across disciplines, systems and missions**

Focus first on mission, processes, procedures and data composition; followed

Our Enterprise Architecture Environment

- **Current decision support systems are designed for vertical information sharing**
  - Works well for traditional military structures and law enforcement
  - We require vertical and horizontal information sharing and the ability to transition between these two realms—enables coordinated decisions across military and civilian command structures
- **Planning for upcoming events and reacting to emerging crises requires:**
  - Correlating various incidents and alerts from multiple information sources
  - Sharing of information resources
- **Our environment demands current IT solutions (e.g. portal)**
  - Automated filter and fusion applications to integrate vast amounts of data and information into patterns and displays
  - Correlate disparate bits of information and "connect the dots"

Events drive our information sharing efforts

NORTH AMERICAN AEROSPACE DEFENSE COMMAND

UNITED STATES
NORTHERN COMMAND